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Japanese supercomputer is crowned **WORLD'S SPEEDIEST**

supercomputer developed by Japan's state-backed Riken research institute has emerged as THE WORLD'S FASTEST FOR COMPUTING SPEED, according to a twice-yearly ranking by the US-European TOP500 project. It is the first time in nine years that a Japanese supercomputer has captured the top position. The supercomputer, named Fugaku, after Mt Fuji, also took the top spot in three other categories that measured performance in computational methods for industrial use, artificial intelligence applications and big data analytics.

The Japanese supercomputer, jointly developed with Fujitsu Ltd, forms a key foundation for powerful simulations used in scientific research and the development of industrial and military technologies. Another supercomputer developed by the US ranked No 3, while China held both the fourth and fifth spots. ■ Currently being operated on a trial basis for research on potential medicines to fight corona, Fugaku is expected to be fully operational in April 2021.



A supercomputer is a computer with a high level of performance as compared to a general-purpose computer. The performance of a supercomputer is commonly measured in floating-point operations per second (FLOPS) instead of million instructions per second (MIPS)

Pluto has a vast ocean beneath its frozen crust!

latest study has revealed that Pluto harbours a vast ocean beneath its frozen crust, which has been there for 4.5 billion years-500 million years, longer than Earth's seas According to scientists, though Pluto is known today as a ball of frozen ice and rock orbiting the sun at a distance of 3.7 billion miles, it may have been hot when it first formed, allowing liquid water to form on its surface, and potentially provided the conditions needed to support alien life. The new study differs from the traditional view that Pluto originated as a ball of frozen ice and rock, which gradually melted enough to form a subsurface ocean, due to heat released by the decay of radioactive elements in the rock.

its interior to pictures of its surface taken by NASA's New Horizons' spacecraft. > They identified ridges and troughs more than a mile deep on the dwarf planet, suggesting stresses from movements inside its shell caused by water expanding, when it freezes. > The study suggests other planets and dwarf planets in the Kuiper Belt – like Haumea and Make- may have also once been warm, and capable of har-

> The scientists compared thermal model simulations of the evolution of

bouring alien life.

NOBEL LAUREATE AMARTYA SEN WINS 2020 PEACE PRIZE OF THE GERMAN **BOOK TRADE**

CONQUERED THE WORLD!

Tes, it was the day when Indian

future. The venue was Lord's, the Mecca of

cricket, where a packed house witnessed

one of sport's biggest upsets— West Indies re set for a third straight title. Clive Llyod's

side had superstars, who, on their day,

ndies were bowled out for

winning streak

was broken.

pions! Kapil's

Cricket had its

new world cham-

Devils won it in style

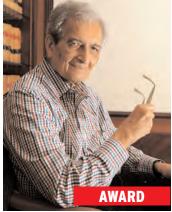
140. Their World Cup-

could just blow away the challenge of

chasing 184. But it wasn't their day. West

cricket came of age; a match that

changed the course of the game's



obel laureate 🔪 mist Amartya Sen has won the prestigious Peace Prize of the German Book Trade for his decades-long work on "questions of global justice". Börsenverein, the German Publishers and Booksellers Association, chose the 86year-old economist and philosopher as the recipient of the body's 2020 Peace Prize for his pioneering work addressing issues of glob-

THE SUN

KAZUO

al justice, social inequality in education and healthcare.

KAZUO ISHIGURO TO COME OUT WITH NEW NOVEL 'KLARA AND KLARA THE SUN' NEXT YEAR AND



"Artificial Friend" with "outstanding observational qualities", who watches browsers from her place in a shop, hopeful that one will eventually choose her.



This is the first novel by Ishiguro since he was awarded the Nobel Prize in Literature, and will be published by Faber & Faber in the UK, Alfred A Knopf in the US and Knopf in Canada on March 2, 2021.

THE STONEHENGE MYSTERY UNRAVELS:

Scientists find huge ring of ancient shafts near the monument UNRAVELLED

rchaeologists have discovered a major pre-historic monument under the earth near Stonehenge that could shed new light on the origins of the mystical stone circle in southwestern England. Experts say the site consists of



at least 20 huge shafts, more than 32-feet in diameter and 16-feet-deep, forming a circle more than 2-kilometres in diameter. The new find is at Durrington Walls, the site of a Neolithic village about 2 kilometres from Stonehenge. Researchers say the shafts appear to have been dug around 4,500 years ago, and could mark the boundary of a sacred area around a circular monument, known as the Durrington Walls henge.

>Stonehenge, a huge monument built between 3,000 B C and 1,600 B C, is one of Britain's most popular tourist attractions. It's also a spiritual home for thousands of druids and mystics, who visit at the summer and winter solstices

AFTER OSCARS, GOLDEN GLOBES **DELAYED TO FEBRUARY 2021**

The Golden Globes is refusing to let the pandemic get in the way of its party. The ceremony will now be held on February 28, 2021, in Beverly Hills, with previously announced hosts- Tina Fey and Amy Poehler, the Hollywood Foreign Press Association said. The date, as with that of



other awards, had been delayed amid the coronavirus disruption. The Golden Globe Awards recognise excellence in film, both American and International, and American television

TWITTER LAUNCHES 'PROMPT' TO HELP PEOPLE COMBAT DOMESTIC VIOLENCE

witter has launched a dedicated search 'prompt' for Indian users that will direct people looking for domestic violence-related keywords towards relevant information from the ministry of women and child development and national commission for women. The search prompt will be available on iOS, Android and on mobile in English and Hindi languages.

"Every time someone (in India) searches for certain keywords associated with the issue of domestic violence, a prompt will direct them to the relevant information and sources of help available on Twitter," the company said



■ This is an expansion of Twitter's #ThereIsHelp prompt, which was specifically put in place for the public to find clear, credible information on critical issues

■ Some of these terms, include crime against women, domestic violence, dowry, dowry death, gender violence, gender-based violence, lockdown violence, marital rape and POSH (prevention of sexual harassment)

WORLD IN A 'NEW AND DANGEROUS PHASE' OF PANDEMIC: WHO

he World Health Organisation has warned of a "new and dan-gerous phase" of the coronavirus pandemic, with people tiring of lockdowns, despite the disease's accelerating spread. The warning came as it emerged that the virus was present in Italy in December, months before its first confirmed cases, about the same time when the disease was first reported in China.



■ The virus, which has now killed more than 454,000 people and infected 8.4 million people worldwide, is surging in the Americas and parts of Asia, even as Europe starts to ease restrictive measures■ Lockdowns have caused economic damage, but the WHO said the pandemic still posed a major threat

STUDENT EDITION

THURSDAY, JUNE 25, 2020



WEB EDITION

QUOTE UNQUOTE

Immigration has contributed immensely to America's economic success,



making it a global leader in tech, and also Google, the company, it is today. I am disappointed by the proclamation. We'll continue to stand with immigrants, and work to expand opportunity for all Sundar Pichai, Google CEO, on the suspension of visas, by the Trump administration

FUN GAMES FOR VIRTUAL PARTY



It doesn't get any easier than Bingo. You can use a website like, My Free Bingo Cards to play a traditional game with a virtual caller, or you can play a custom Bingo game that revolves around a movie or TV show

SCATTERGORIES

Scattergories is a fun game to play with Zoomers of all ages. To play, head to this free game generator and send each person a link to the game. The rules are simple: there is one letter and five categories (things like "school supplies." "book title," and "girl's name"). You have 60 seconds to come up with a word that fits in each category and start with the chosen letter. The more unique your answer is compared to your friends' answers, the more points you get.

NAME, PLACE, ANIMAL

This popular game works well on virtual platforms. To play, pick a letter. Each player has to list a famous person's name, a place, an animal, and a thing that begins with that letter. The first person to type them into the chatbox wins.

PSYCH

To play, participants make up fake answers to real trivia questions; one player must choose the real answer among the fakes. There's even an "And the Truth Comes Out" deck that allows you to do the same thing with personal questions about each other.

REMARKABLE MOVIES SET IN A SINGLE LOCATION

With the coronavirus pandemic halting the shooting of films that are dependent on outdoor shoots, here are some movies that were shot in a single location. These films demonstrate how filmmakers can think outside the box, an experiment that can be tried in these lockdown times...

The location: A plane's cockpit

THE PROBLEM: When terrorists hijack a Berlin-to-Paris flight, it's up to a young American co-pilot, Tobias (Joseph Gordon-Levitt), to direct the aircraft to safety, and in the process, make some distressing splitsecond decisions. THE RESULTS: For his debut feature, director

Patrick Vollrath creates a close-quarters nailbiter that keeps you exactly where he wants you: in the pilot's seat. To experience the film from Tobias' point of view, Vollrath makes clever use of a surveillance monitor in the locked cockpit. The screen displays impersonal glimpses of passengers as the flight at-

tendants pass through the service curtain. Hostages held in the

cabin are also only visible on the screen. (Where to watch: Stream on Amazon Prime Video)

The location: 600 km above Earth

THE PROBLEM: A medical engineer, Dr Ryan Stone (Sandra Bullock) is faced with finding a way back to Earth, after her space shuttle is damaged by debris from a de-

stroyed satellite. THE RESULTS: This 2013 science-fiction drama is so utterly immersive that it makes you feel like Stone. We are centered in the action, even pulled

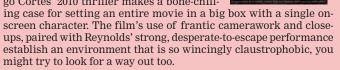
inside her astronaut's helmet; we can sense the panic of free-falling into an ocean of emptiness alone. Rather than relying on flashbacks to illustrate her back story, the screenwriters, Alfonso Cuarón (who also directed) and his son Jonás reveal Stone's grief through her achingly tragic soliloquy, delivered in space as she floats against a backdrop of

(Where to watch: Rent on YouTube, Amazon Prime Video, iTunes and other platforms)

The location: A wooden coffin

THE PROBLEM: An Iraq-based American civilian truck driver, Paul Conroy (Ryan Reynolds), is buried alive. His air supply is diminishing, and he has nothing but a few tools to help him escape.

THE RESULTS: Ninety-five minutes is a long time to be stuffed in a coffin. But director Rodrigo Cortés' 2010 thriller makes a bone-chill-



(Where to watch: Rent on YouTube, Amazon Prime Video, iTunes and other platforms)